

Application No. 09/683,239

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) In a system for enriching content of a document using personalities that identify enrichment themes, a method for enriching documents, comprising:

associating a personality identifier that identifies a personality with a reading device;

recording a document identifier with the reading device; the document identifier identifying electronic document content;

associating the document identifier with the personality identifier at the reading device;

transmitting the document identifier and the personality identifier from the reading device to a meta-document server; and

enriching at the meta-document server the electronic document content identified by the document identifier with the personality identified by the personality identifier;

wherein said enriching recognizes and annotates entities in the electronic document content related to the enrichment theme of the personality identified by the personality identifier.

2. (Original) The method according to claim 1, further comprising encoding the document identifier in a form that is digitally readable.

3. (Original) The method according to claim 2, wherein the document identifier is encoded on a hardcopy document using one of embedded data, an electronic tag, and a document token.

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Application No. 09/683,239

4. (Original) The method according to claim 3, wherein the document identifier is recorded by one of a scanner, an electronic tag reading device, and gateway of a mobile computing device.

5. (**Currently Amended**) The method according to claim 4, wherein said enriching further comprises:

associating the personality identifier with the [[identified]] electronic document content;

recognizing, with at least a first method, an entity in the electronic document content;

accessing, with at least a second method, a document service using the recognized entity;

annotating the [[identified]] electronic document content with output from the document service to define enriched document content; and

making the enriched document content available to a set of users.

6. (Original) The method according to claim 1, wherein the reading device is mobile.

7. (Original) The method according to claim 1, wherein the reading device is position dependent.

8. (Original) The method according to claim 1, further comprising:

transmitting a user identifier with the document identifier and the personality identifier from the reading device to the meta-document server;

notifying a user associated with the user identifier when the electronic document content is enriched.

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Application No. 09/683,239

9. **(Currently Amended)** In a system for enriching content of a document using personalities that identify enrichment themes, a method for enriching documents, comprising:

selecting one of an electronic document and a document reference [[personality]] at a mobile computing device;

identifying position coordinates of the mobile computing device where the [[personality]] electronic document or document reference is selected;

looking up a [[document]] personality identifier using the position coordinates at the mobile computing device;

transmitting the electronic document or the document identifier and the personality identifier from the [[reading]] mobile computing device to a meta-document server; and

enriching at the meta-document server document content identified in the electronic document or content identified with the document identifier with the personality identified by the personality identifier;

wherein said enriching recognizes and annotates entities in the document content related to the enrichment theme of the personality identified by the personality identifier.

10. **(Currently Amended)** The method according to claim 9, wherein [[the document look up]] said looking up is further refined using a time at which the [[personality]] electronic document or document reference is selected.

11. **(Currently Amended)** The method according to claim 10, wherein said enriching further comprises:

associating the personality identifier with the [[identified]] document content;

recognizing, with at least a first method, an entity in the document content;

accessing, with at least a second method, a document service using the recognized entity;

Application No. 09/683,239

annotating the [[identified]] document content with output from the document service to define enriched document content; and

making the enriched document content available to a set of users.

12. **(Currently Amended)** In a system for enriching content of a document using personalities that identify enrichment themes, a method for enriching documents, comprising:

selecting one of an electronic document and a document reference [[personality]] at a mobile computing device;

identifying position coordinates of the mobile computing device where the [[personality]] electronic document or document reference is selected;

transmitting the position coordinates and the [[personality]] electronic document or the document identifier from the [[reading]] mobile computing device to a meta-document server;

looking up a [[document]] personality identifier using the position coordinates at the meta-document server; and

enriching at the meta-document server document content of the electronic document or content identified with the document identifier with the personality identified by the personality identifier;

wherein said enriching recognizes and annotates entities in the document content related to the enrichment theme of the personality identified by the personality identifier.

13. **(Currently Amended)** The method according to claim 12, wherein [[the document look up]] said looking up is further refined using a time at which the [[personality]] electronic document or document reference is selected.

14. **(Currently Amended)** The method according to claim 12, wherein said enriching further comprises:

Application No. 09/683,239

associating the personality identifier with the [[identified]] document content;
recognizing, with at least a first method, an entity in the document content;
accessing, with at least a second method, a document service using the
recognized entity;
annotating the [[identified]] document content with output from the document
service to define enriched document content; and
making the enriched document content available to a set of users.

Please add the following claims:

15. (New) The method according to claim 1, further comprising associating a user identifier with the reading device.

16. (New) The method according to claim 15, wherein said transmitting further transmits the user identifier along with the document identifier and the personality identifier from the reading device to the meta-document server.

17. (New) The method according to claim 16, wherein said enriching makes the enriched electronic document content available to the user.

18. (New) The method according to claim 17, wherein said transmitting occurs directly between the reading device and the meta-document server.

19. (New) The method according to claim 18, wherein the reading device is an electronic tag reading device.

20. (New) The method according to claim 19, wherein the document identifier is encoded on a hardcopy document using an electronic tag.